

Effect of Lowering Temperature on the Electrical
and Mechanical Reactions of the Heart Cells of
Frogs Inhabiting Various Climates, by R. C. Orlov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 3, Jan 1972, pp 700-702.
CB

Oct 72

Possibility of Utilizing Antimycin A for the Study
of the Respiratory Metabolism of Intact Plant
Tissues, by L. Kh. Gordon.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 3, Jan 1972, pp 711-713.

CB

Oct 72

Correlation Between Electrical and Morphological
Phenomena in the Rabbit's Cerebral Cortex, by
M. M. Aleksandrovskaia.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 3, Jan 1972, pp 721-722.

CB

Oct 72

Descending Connections Between the Auditory
Cortex and the Contralateral Neostriatum Complex
and Claustrum in the Cat, by V. A. Otellin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol. 202,
No 3, Jan 1972, pp 723-725.
CB

Oct 72

Depolarization of the Axon Terminals of Recurrent
Corticothalamic Neurons, by V. E. Glants.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 3, Jan 1972, pp 726-728.
CB

Oct 72

Effects of Irradiation on the Regeneration of
Autotransplanted Fragmented Muscle Tissue in
Three-Week-Old Rats, by N. V. Bulyakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci, Vol 202,
No 3, Jan 1972, pp 729-731.
CB

Oct 72

Peculiarities of the Spectral Sensitivity of the
Eye in Persons With Congenital Disorder of the
Color Vision, by E. B. Rabkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 3, Jan 1972, pp 732-733.

CB

Oct 72

RUSSIAN

CMB: 8144/1834 W
12 March 1973 SF

X-ray diffraction of aging with different degrees of mismatch between the matrix and the precipitating phase, by M.I. Gligerts and V.V. Ivashin.

Moscow, Biologiya Aktsidov ISSL, Vol. 202, No. 4, 1972, pp 607-610.

Please publish, make reproduction and provide JFMC/ad hoc with two (2) copies and the source.

In Vitro Investigation of the Impulse Activity
of Hippocampal Neurons, by M. B. Shtark.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 3, Jan 1972, pp 734-736.
CB

Oct 72

Formation of a Nb_xO_2 (0.8 x 0.1) Phase by
Shock Compression of Niobium Pentoxide,
by G. A. Adadurov.
RUSSIAN, per, Dok Ak Nauk SSSI, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 864-867
CB

Sept 72

Chemical Shifts in the $L\alpha_1$ X-Ray Line of
Certain Uranium Compounds, by V. M. Vdovenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 868-870
CB

Sept 72

Mechanism of Ring Opening in Cycloolefins in
the Presence of Transition Metal Compounds,
by B. A. Dologoplosk.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 871-873
CB

Sept 72

Mechanism of Ionic Hydrogenation, by
D. N. Kursanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 874-877
CB

Sept 72

Small Angle X-Ray Scattering Study of Radiation
Damage in the Structure of Polymer Fibers,
by G. M. Plavnik.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 878-881
CB

Sept 72

Effect of UV Light on Biological Membranes
Variation in theElectrical Conductivity of
Bimolecular Phospholipid Membranes, by
A. Ya. Potapenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 882-985
CB

Sept 72

Migration of Liquid Along the Fibers During
the Filtration of Mists, by B. F. Sadvskii.
RUSSIAN, per, Dok Ak Nauk, SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 886-888
CB

Sept 72

Calculation of the Tensor Properties of
Paraffin Hydrocarbons, by B. M. Tatevskii.
RUSSIAN, per, Dok Ak Nauk, SSSR, Phys Chem.,
Vol 202, No 4, Feb 1972, pp 889-892
CB

Sept 72

Zonality of Hypothalamic Induction in the Avian
Hypophysis, by A. A. Voitkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 4, Feb 1972, pp 945-948.
CB

Oct 72

Development of the Neurons of the Human Spinal
Cord in Prenatal Ontogenesis, by N. S. Sutalova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 4, Feb 1972, pp 949-952.
CB

Oct 72

Use of Palaeoecological Methods in Evolutionary
Structures, by A. N. Golikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 4, 1972, pp 953-956.
CB

Oct 72

Natural Immunological Resistance in the Carp
(*Cyprinus carpio* L.) During Erysipelas, by
V. L. Vladimirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol. 202,
No 4, Feb 1972, pp 957-959.
CB

Oct 72

Effects of Glucose on the Incorporation of
 C^{14} -Tyrosine into the A- and B-Chains of Insulin,
by S. A. Morenkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 4, Feb 1972, pp 963-964.
CB

Oct 72

Absorption Spectra of Leghemoglobin Derivatives
from Lupin (*Lupin luteus* L.) Nodules, by
Ya. V. Peive.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 4, Feb 1972, pp 965-968.
CB

Oct 72

Comparative Study of the Synthetic Phosphorolytic
Activity of Polynucleotide Phosphorylase in Cells
of *Escherichia coli* ATCC No. 7020 at Different
Stages of Growth of the Culture, by L. B. Rebrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 4, Feb 1972, pp 969-972.
CB

0 ct 72

Microbiological Method of Producing 2,6-Naphthalene-
dicarboxylic Acid in Cooxidative Conditions, by
G. K. Skryabin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 4, Feb 1972, pp 973-974.
CB

Oct 72

Influence of Antisera for the Hippocampus
on the Integral Electrical Activity of the
Rat Brain, by V. P. Kaznacheev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 4, Feb 1972, pp 978-981.
CB

Oct 72

Increase in the Rate of Development and Degree
of Retention of Conditioned Reflexes in Animals
Adapted to Altitude Hypoxia, by F. Z. Meerson.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 4, Feb 1972, pp 982-984.
CB

Oct 72

Heterogeneous-Homogeneous Catalysis in the
Combustion of Mixed Systems, by N. N. Bakhman.
RUSSIAN, per, Dok Ak Nauk, SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1107-1110
CB

Sept 72

Study of Nonequilibrium Chemically Active
Media, by L. I. Gudzenko.
RUSSIAN, per, Dok Ak Nauk, SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1111-1113
CB

Sept '72

Coexistence of Liquid Phases at High Temperatures the $\text{Na}_2\text{O-SiO}_2\text{-KCl}$ System, by
L. M. Delitsyn
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1114-1116
CB

Sept 72

Critical Phenomena in the Oxidation of
Isopropylbenzene on Heterogeneous Catalysts,
by N. P. Evmenenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1117-1120
CB

Sept 72

Possibility of Obtaining an Inverse Population
in Exothermic Decomposition Reactions, by
I. S. Zaslanko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1121-1124
CB

Sept 72

Thermodynamic Equations of a Critical Phase
of Higher Order in a Ternary System, by
I. R. Krichevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1125-1126
CB

Sept 72

Phosphinic Acids as Bifunctional Catalysts of
the Formation of Amide Linkages, by

L. M. Litvinenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1127-1130

CB

Sept 72

Stable Equilibria in the System Na, Mg ll Cl,
HCO₃ - H₂O at 25°C and P_{CO2} 1 atm, by
I. A. Moshkina.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1131-1134
CB

Sept 72

Investigation of the Mobility of Water Protons
in Ion-Exchange Resins by ESR Relaxation, by
N. I. Nikolaev.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1135-1137
CB

Sept 72

Influence of High Pressure on the EPR g -Factor
and Line Width for Aqueous Copper Nitrate
Solution, by A. I. Filippov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1138-1139

CB

Sept 72

NMR Study of Exchange Reactions of Ligands
in Lutetium Ethylenediaminetetraacetate, by
K. B. Yatsimirskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 5, Feb 1972, pp 1140-1142
CB

Sept '72

Evaluation of the State of the Chromosome Set
in Purkinje's Cells Containing Various Amounts
of DNA According to Sex Chromatin, by

V. Ya. Brodskii.

RUSSIAN, per, Dok Ak Nauk, SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1193-1195.

CB

Oct 72

Electron-Microscopic Investigation of Myoblast
Formation in Regenerating Muscle Tissue, by
G. V. Elyakova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol. 202,
No 5, Feb 1972, pp 1196-1198.

CB

Oct72

Disturbance of Differentiation of Secretory
Cells of the Glandular Stomach in Chickens
With Avitaminosis A, by R. V. Chagovets.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1199-1200.
CB

Oct 72

Reproduction and Gametogenesis of *Testudinalia*
tessellata Mosk. (Prosobranchia, Docoglossa)
From a Coastal Barents Sea Province, by
O. Yu. Kudinskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1201-1203
CB

Oct 72

Presence of Bacterial Flora Associated With the
Mucous Membrane in the Small Intestine of Rats,
by N. M. Mityushova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1204-1207.

CB

Oct 72

Searches for Relationships Between Electron
Transport and DNA Synthesis in Isolated Rat
Liver Mitochondria, by G. G. Gauze.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 5, Feb 1972, pp 1208-1211.
CB

Oct 72

Some Principles of RNA Metabolism in the Neurons
Nuclear-Cytoplasmic and Neuronal-Glial Relationships
in the Nervous System of *Limnaea stagnalis*, by
E. K. Uzorin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 5, Feb 1972, pp 1212-1215.
CB

Oct 72

Experimental Study of the Biological Specificity
of the "Gobi-Altai High-Mountain Vole", by
V. N. Bol'shakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1216-1218.
CB

Oct 72

On the Morphology of the Setae of the Polychaete
Family Paraonidae cerruti, 1909 (Polychaeta,
Sedentaria), by V. E. Strel'tsov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1219-1222.
CB

Oct 72

Regeneration of the Vagus Nerves in Man, by
E. A. Pechatnikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1223-1224.
CB

Oct 72

Change in RNA Content in Spinal Motor Neurons
of Cat During Postsynaptic Inhibition, by
Yu. Ye. Geinisman.
RUSSIAN, per, Dok Ak Nauk BSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1225-1228.
CB

Oct 72

General Principle of Interrelationship of
Different Manifestations of Photoperiodic
Reaction of Arthropods, by K. F. Geispits.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1229-1232.
CB

Oct 72

Comparison of the Efficiency of Some Possible
Illumination Codes Active in the Impulse
Activity of Neurons of the Lateral Geniculate
Body in the Visual System, by K. N. Dudkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1233-1236.
CB

Oct 72

Responses of Individual Neurons of the Visual
Cortex to Antidromic Stimulation of the Pyramidal
Tract, by V. A. Pravdivtsev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 5, Feb 1972, pp 1237-1239.
CB

Oct 72

Effect of Anticholinesterase Substances on the
Action of Acetylcholine and Its Analogues on
Neurons of Gastropods, by Ye. A. Vol'fus,
O. P. Yurchenko, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
Vol 205, No 5, 1972, pp 1254-1257.
JPRS 57633

Dec 72

Concerning Diagrams of Threshold Elements, by
G. B. Lupanov, 7 pp.
RUSSIAN, per, Doklady Akad Nauk SSSR, Moscow,
Vol 202, No 6, 1972, pp 1288-1291.
JPRS 55933

ay 72

Electron Spin-Lattice Relaxation in Solutions
of Cr (III) Compounds, by G. F. Vishnevskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1352-1355
CB

Sept 72

Use of Interatomic Potentials to Calculate
the Properties of Diatomic Gases, by
V. G. Dashevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1356-1359
CB

Sept 72

Coexistence of Liquid Phases at High Temperatures
in the System $R/\text{AlSiO}_2\text{-RF}^*$, by L. V. Delitsyna.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1360-1362
CB

Sept 72

Hydrogen Absorption by Solid Aluminum in
Water Vapor, by A. A. Zhukhovitskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1363-1366
CB

Sept 72

Dissociation Kinetics of Multiatomic Molecules
With Nonuniform Distribution of the Vibrational
Energy, by N. M. Kuznetsov.
RUSSIAN, per, Dok Ak Nauk SSSR Phys Chem.,
Vol. 202, No 6, Feb 1972, pp 1367-1370
CB

Sept 72

Activation Effect of an Inhibited Polarographic
Process Used for Studying the Stability of
Dissolved Complexes, by Ya. I. Tur'yan.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1371-1373
CB

Sept 72

Pulse-Type Microcatalytic and Isotope Methods
for Elucidating the Mechanism of the Catalytic
Oxidation of Carbon Monoxide on Copper Oxide,
by A. V. Fesenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1374-1376
CB

Sept 72

A Two-Component Model of a Crystalline Polymer,
by Yu. A. Shlyapnikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1377-1378
CB

Sept 72

Investigation of the Solvation of Lutetium
Nitrate in Water - Acetone Solution by NMR,
by K. B. Yatsimirskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 202, No 6, Feb 1972, pp 1379-1382
CB

Sept 72

Ultrastructural Organization of Intercellular
Connections Between the Plasmodesms of Plant
Cells, by G. A. Serenova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1427-1428.

CB

Oct 72

Paramagnetic Centers of Intact and Germinating
Actinomyces streptomycini B-6 Spores, by
I. M. Pozharitskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1429-1431.
CB

Oct 72

Detection of Antibodies to T-Antigens of Various
Origin in the Sera of Monkeys With Rous Sarcoma
and Monkeys Infected With Type 12 Adenovirus, by
F. I. Adzhigitov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1432-1434.

CB

Oct 72

Binding of the Substrate by Derivatives of
α-Chymotrypsin, Methylated at Histidine-57,
by V. K. Antonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 6, Feb 1972, pp 1441-1442.
CB

Oct 72

Directed Biosynthesis of Lipids in Cells of
a Protist, Their Composition and Antitumoral
Properties, by N. N. Sukhareva-Mamakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 6, Feb 1972, pp 1443-1446.
CB

Oct 72

Some Problems of the Regulation of the Formation
of Nicotinuric Acid in Rat Tissues, by
R. V. Chagovets.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 6, Feb 1972, pp 1447-1450.
CB

Oct 72

The Water-Soluble Polysaccharide of Eremurus
comosus, by N. K. Shcherbukhina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 202,
No 6, Feb 1972, pp 1451-1453.
CR

Oct 72

On the Phylogenetic Interrelationships Within
the Genus Calanus s. l. On the Basis of Morpho-
functional Differences in the Oral Apparatus,
by N. V. Vyshkvartseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1454-1456.
CB

Oct 72

Action of Methyltestosterone on Sexual Differentiation in the Paradise Fish (*Macropodus opercularis* L.) and Guppy (*Lebistes reticulatus* R.), by
E. D. Vanyakina.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1457-1459.
CB

Oct 72

Contractile Activity of Myocardium of Siberian
Roach *Rutilus rutilus lacustris* (Pallas) in
Response to Different Stimulation Rhythms, by
Yu. P. Vedernikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1460-1463.
CB

Oct 72

Role of Substrate Inhibition of Acetylcholinesterase
at Myoneural Junctions in Blocking the Effects of
Irreversible Inhibitors of Cholinesterase on
Neuromuscular Conduction, by Yu. Ya. Ivanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1464-1466.

CB

YRS 56074 (5A)

Oct 72

Changes in the Content of Solid Matter in Cortical
Neurons of the Cat After Lateral Hemisection of
the Spinal Cord, by P. B. Kazakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1467-1469.
CB

Oct 72

Histoautoradiographic Investigation of Leucine-H³
Incorporation into Nuclei of Brain Neurons During
Defensive Conditioning, by R. I. Kruglikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1470-1472.
CB

Oct 72

Neurochemical Characteristics of Silent Cortical
Neurons, by V. V. Sherstnev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 202,
No 6, Feb 1972, pp 1473-1476.
CB

Oct 72

The Vacuolar System as the Lysosomal Apparatus of
the Plant Cell, by N. V. Belitser.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol. Sci., Vol 203,
No 1, March 1972, pp 211-213.
CB

Dec 72

Changes in Mitochondria of Crab Nerve Fibers
With Conduction Blocked by Various Agents, by
A. V. Smirnov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 214-215.

■ CB

Dec 72

Localization of Polysaccharides in Cells of
Spore-Bearing Anaerobic Bacteria, by N. A. Krasil'
nikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 216-218.
CB

Dec 72

Anahormone Chimeras. Hormonally Inactive
Conjugates of Bovine Acth and Human Somatotropin
Which Retain Antigenic Properties of the Native
Hormones, by L. M. Bershtein.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 219-221.
CB

Dec 72

Development of Immunity in Carp to Dropsy- an
Infectious Disease of Fish, by V. L. Vladimirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 222-225.
CB

Dec 72

Some Aspects of the Mathematical Treatment of
the Results of Biochemical Experiments, by
K. L. Gladilin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 1, 1972 March, pp 226-229.
CB

Nov 72

Activity of Glycolytic Enzymes in Different
Types of Cotyledons of Dormant Seeds, by

I. V. Zeleneva

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 1, March 1972, pp 230-232.

CB

Nov 72

Comparison of DNA Nucleotide Blocks in Radiation
Sickness and in Leucosis, by G. A. Krit-skii, ~~8pp~~.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 1, March 1972, pp 233-236.
CB

NASA TTF-14,520

Nov 72

Linkage of Complementary Chains of Molecules of
the Replicative Form of the RNA of Encephalomyo-
carditis Virus, by L. I. Romanova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 1, March 1972, pp 237-240.
CB

Nov 72

Variations in the Activity of Riboflavin Synthetase
at Different Levels of Flavinogenesis in Some
Species of Candida Yeasts, by G. M. Shavlovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem., Vol 203,
No 1, March 1972, pp 241-244.
CB

Nov 72

Early Ontogenesis of Anaperus Biaculeatus
(Turbellaria, Acoela), by K. K. Boguta.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 245-247.
CB

Dec 72

Vascularization of Muscle Autotransplants
Developing in an Irradiated Matrix, by M. M. Umnova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 248-250.
CB

Dec 72

Structure and Protein Metabolism of the Cerebral
Cortex During Repeated Electric Shocks, by
M. M. Aleksandrovskaia.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 251-253.
CB

Dec 72

Investigation of the Role of Thiols in Changes
in the Radiosensitivity of Sea Urchin Eggs
During Cleavage, by I. B. Smirnova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 1, March 1972, pp 254-256.
CB

Dec 72

Iu. M. Pochtman

Optimization of structures with constraints on dynamic
and frequency characteristics. 570
RUSSIAN, per, Doklady Akademiiya Nauk SSSR, Vol 203,
No 2, Mar. 11, 1972, pp 307-308.
NASA TT F 14,540

aug 72

The Course of DNA Replication in Polytenization
of Chromosomes During Development of *Chironomus*
thummi, by I. E. Vlasova
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 2, March 1972, pp 459-462.
CB

Dec 72